

**Comprehensive Site Profile (Sum-8)****Argonne National Laboratory - East - Most Current Actual Data**

Data Sources: Facility Information Management System - November 2003
EM Corporate - FY 2001 Update
Pollution Prevention - 2002
Materials in Inventory - 1996

Facility Status	Reported Number of Facilities
Operating	2
Operational Standby	0
Shutdown Pending Transfer	0
Shutdown Pending D&D	0
D&D in Progress	0
Operating Pending D&D	7
Operating Under an Outgrant	0
Transfer to Another Federal Agency	0
Sale	0
Demolished	0
Deactivation	0
Shutdown Pending Disposal	0
No Information Provided	0
Total	9

Hazard Category Group *	Reported Number of Facilities
Radiological	61
Chemical Hazard	3
Radiological & Chemical Hazard	0
Not Applicable	167
No Information Provided	0
Total	236

* For the purposes of the CID, facilities with a "Radiological" Hazard Category Group are broadly defined to include those facilities that meet the definition for either Nuclear Facility Category 1, Nuclear Facility Category 2, Nuclear Facility Category 3, or Radiological Facility as defined in DOE Standard 1027-92. Facilities with a "Chemical Hazard" Hazard Category Group are those that contain quantities of chemicals that exceed the threshold quantity for those chemicals as defined by OSHA's Chemical Process Safety regulation 29 CFR 1910.119, Appendix A. Facilities with a "Radiological and Chemical Hazard" Hazard Category Group are those that meet the Radiological and Chemical Hazard definition. The Hazard Category Group of "Not Applicable" refers to facilities that do not meet either the Radiological or Chemical Hazard definition. "No Information Provided" is listed for a facility when no information pertaining to the Hazard Category Group is available.

Radioactive Waste Summary - 2000 Actual Data

Waste Type	Starting Inventory (m3)*	Reporting Period Additions (m3)*			Reporting Period Disposition Quantity (m3)*			Ending Inventory (m3)
		New	Process Outputs	Receipts	Treatment	Disposal	Other	
Low Level Waste	117.2080	252.000	200.000	0.000	322.000	198.000	0.000	49.21
Mixed Low Level Waste	126.3598	7.220	28.500	0.000	7.020	94.000	18.000	44.16
Transuranic Waste	177.2000	2.380	6.920	0.000	87.940	0.000	0.000	98.56

The management activity of "Other" is calculated by adding the values for NPDES discharges, recycling, other processing, and return to remediation unit.

Material balance may not be reflected in some CID reports for 1999 and 2000 data because inventory adjustments have been incorporated in the Ending Inventories.

* For Vitrified HLW, quantities are shown in "Number of HLW Canisters."

HLW generation data in the CID includes waste volumes that are incidental to the reprocessing of HLW.

Ex-Situ Contaminated Media Summary - 2000 Actual Data

Waste Type	Starting Inventory (m3)*	Reporting Period Additions (m3)*	Reporting Period Dispositions (m3)*			Ending Inventory (m3)*
			Treatment	Disposal	Other	
Low Level Waste	52.0000	813.000	0.000	838.000	0.000	27.0000
Mixed Low Level Waste	21.0100	91.600	11.200	61.500	0.000	39.9100

The management activity of "Other" is calculated by adding the values for NPDES discharges, recycling, other processing, and return to remediation unit.

Material balance may not be reflected in some CID reports for 1999 and 2000 data because inventory adjustments have been incorporated in the Ending Inventories.
HLW generation data in the CID includes waste volumes that are incidental to the reprocessing of HLW.

Reported quantities do not include Groundwater or Wastewater.

Non-Radioactive Hazardous Waste

Classification	Waste Type	Amount (Metric Tons)
Hazardous	Non Routine RCRA	0.00
	Routine RCRA	17.32
	Non Routine State	7,987.88
	Routine State	29.10
	Non Routine TSCA	319.79
	Routine TSCA	0.00
Sanitary	Non Routine	840.92
	Routine	1,461.97
Total		10,656.98

Materials in Inventory (1996 Information Only)

Material Name	Material Category	Material Volume
Am-243	Plutonium	0.00 Kilograms
SNF, targets, samples	Spent Nuclear Fuel	70.50 Kilograms
Thorium	Plutonium	0.00 Kilograms
Depleted Uranium	Depleted Uranium	6,726.00 Kilograms
Normal Uranium	Natural & Enriched Uranium	1,204.00 Kilograms
Sodium	Sodium	1,300.00 Gallons
Sodium	Sodium	485.00 Gallons
Highly Enriched Uranium	Natural & Enriched Uranium	0.00 Kilograms
Strategic Lithium (6Li)	Lithium	3.00 Kilograms
Plutonium	Plutonium	100.00 Kilograms
Deuterium	Plutonium	2,581.00 Kilograms
Low Enriched Uranium	Natural & Enriched Uranium	0.00 Kilograms
NaK	Sodium	0.25 Gallons